

Fig.14

(-Just bias cannot be obtained even when current is flown in either direction when H_{in} and H_{pin} are small and H_{cu} is large near the place where $-H_{in}+H_{pin}$ is almost 50%)

MR height [μm]

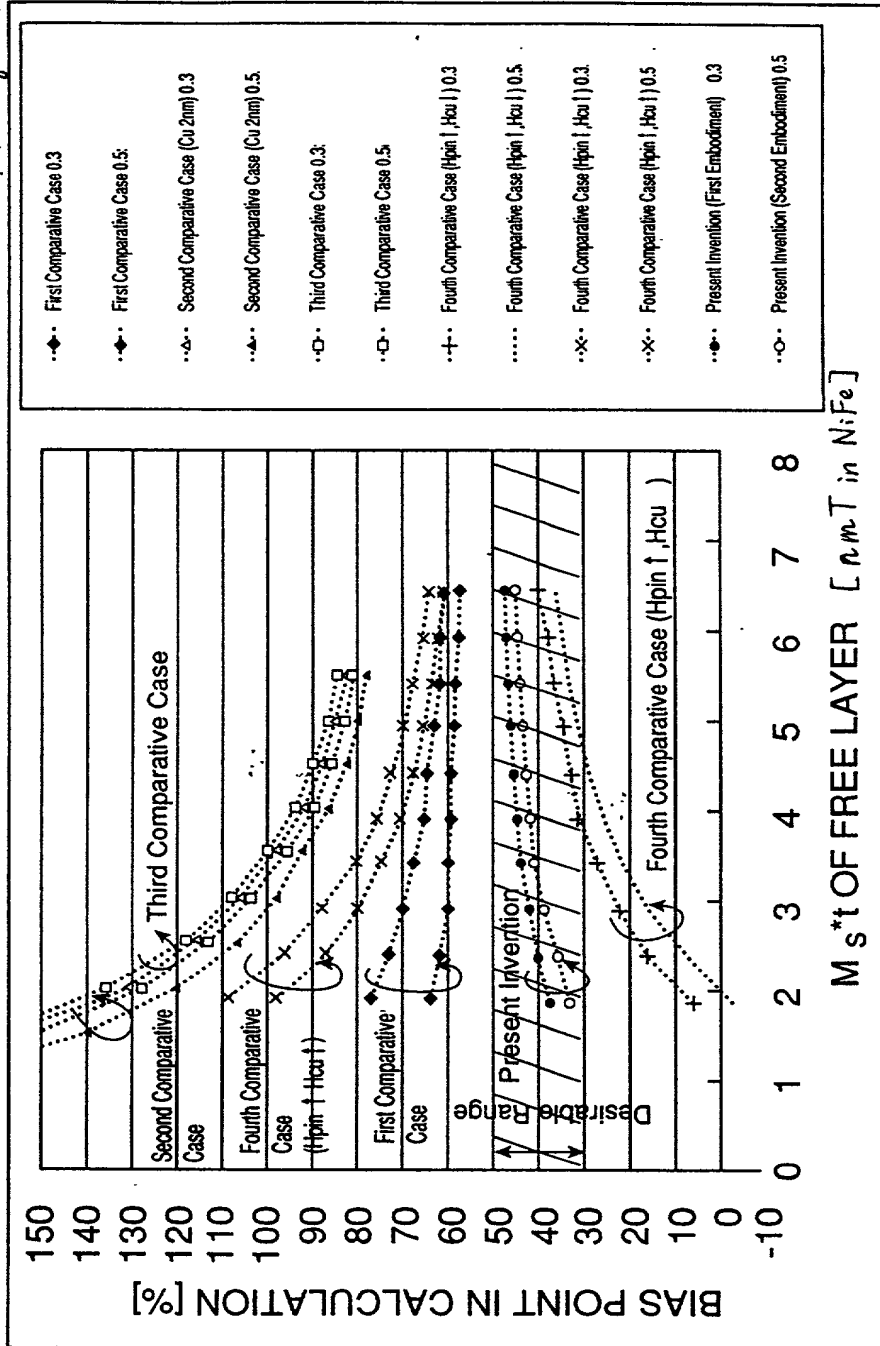


Fig.15

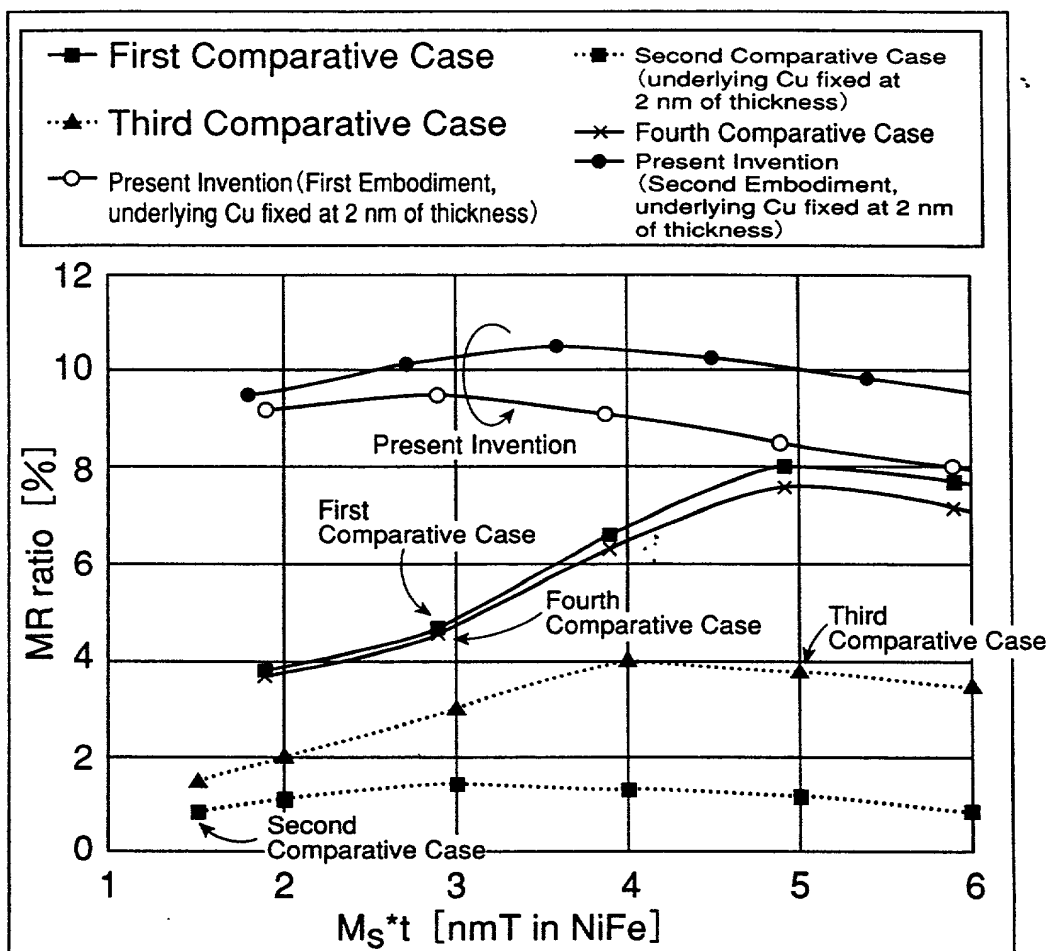


Fig.16